ESS ESS BUILDERS®
& Consultants
A Consultancy and Quality Service for Infrastructure Works, and Constructions

To,

Date : .....

Executive Engineer (Project – Division)
Rajarajeshwari nagar Zone, 2nd Floor,
BBMP office Building, Neharu Road,
BEML, 3rd Stage,
Bangalore - 98

Respected Sir,

Subject: Construction of Rajarajeshwari School (Kalpana Road) Building In Ward No.17 J.P.Park, Bangalore)

Ref: Work order No: EE(P)/RRN/WO/25/21-22 Date:12.11.2021
Agreement No: EE(P)/RRN/AG/28/21-22 Date:12.11.2021
Job Code : 017-19-000004(P-3460)

With reference to the above subject, the quality and quantity executed by agency **Mr. Anand Pramod** up to **RA Bill No-4th** and Final pertaining to the work of Construction of Rajarajeshwari School (Kalpana Road) Building In Ward No.17 J.P.Park, Bangalore) **Rs: 53,96,390.00 (Fifty Three Lakhs Nighty Six Thousand Three Hundred And Nighty Rupees Dot Zero Paise Only)** we are taken the Service "Mr.Civil Quality consultants and Engineers for testing materials using Laboratory. enclosed with this letter, submitted for the needful action.

Certification:

1. This quantity and quality of the work in satisfactory.
2. RMC has been used for all the concrete works.
3. BBMP, AE and representative present during work execution.
4. Work carried out according to the specification.
5. All the RMC grade concrete cubes works carried on the date of concreting.

Ess Builders and Consultants Pvt. Ltd. Dt.... BANGALORE Ph:080-22300575

"Thanking you"

ESS ESS BUILDERS
Proprietor

AE/JE (P) R.R.N

Assistant Executive Engineer
R.R. Nagar Project Sub-Division
Bruhat Bengaluru Mahanagara Palike

Address :H.O. : No. 70/120, 1st Main, Nagarabhavi Main Road, Bengaluru-560072
C.O. : 1st Floor, Bhadana Ram Building, Opp. Hotel Apoorva Park Road, HASSAN-573 201
Website : essessbuildersandconsultants.com email : essessbldrs@gmail.com, info@ssbuildersandconsultant.com
Ph : (Off) 080-50038576, 08172-264043, (M) 94480-64014, 9916567576

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Date : .....

Name of the work	CONSTRUCTION OF RAJARAJESHWARI SCHOOL (KALPANA ROAD) BUILDING IN WARD NO.17 J.P.PARK, BANGALORE
Name of Client	Executive Engineer RR Nagara division BBMP
Name of the contractor/Agency:	M/S M R Infra, No.123/30, 4th Floor, 1st Main Road, Rajajinagar Industrial Town, Bangalore-10.
Agreement No.	EE(P)/RRN/AG/28/21-22
Work Order No.	EE(P)/RRN/WO.No/25/21-22
Job Code No	017 - 19 - 000004(P - 3160)
Contract Amount	9,30,51,580/-
Consultancy Charges Amount	7,99,000/-
Consultant Start Date of the work	12/1/2022
Date Of Inspection	02/03/2023
Bill Status	Fourth & Final
In The Presence of	Assistant Executive Engineer, RR Nagara Sub Division, , BBMP, Banglore.
	M/S. ESS ESS BUILDERS

RA BILL: 04 and Final

Compiled Report

Sl no	Item No	Description of Item of Work	Unit	BOQ Qty	Qty	Remarks
1	3	Earth work excavation for foundation of structures upto 3 mtrs.by mechanical means as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM etc., complete. - do - In all types of soils	Cum	1588.83	15.30	Work done upto the billed Quantity and Quality is Satisfactory
2	5	Providing sand and cement piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c/c and filling with sand and 10% cement and tamping wherever required including cost of materials, labour complete as per specifications	Sqm	1451.88	0.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	302.30	17.08	Work done upto the billed Quantity and Quality is Satisfactory
3	9	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.specification	Cum	1276.25	0.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Cum	7135.54	81.97	Work done upto the billed Quantity and Quality is Satisfactory
4	10	Loading and Unloading of Stone Boulders/Stone Aggregates/sand/Kanker/moorum by Manual Means complete as per specifications. MORTH -100/ Chapter 1 & cost of Haulage excluding loading & unloading - 15 km	Cum	3610.00	0.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Cum	11457.71	66.60	Work done upto the billed Quantity and Quality is Satisfactory
5	15	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. Second floor	Cum	33.47	5.00	Work done upto the billed Quantity and Quality is Satisfactory

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	20	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) ROOF SLAB	Cum	615.02	6.67	Work done upto the billed Quantity and Quality is Satisfactory
7	21	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications	Sqm	1380.11	585.73	Work done upto the billed Quantity and Quality is Satisfactory
8	22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam haunching cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. GROUND FLOOR	Sqm	2164.92	128.02	Work done upto the billed Quantity and Quality is Satisfactory
9	25	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam haunching cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Third floor	Sqm	1295.68	178.88	Work done upto the billed Quantity and Quality is Satisfactory
10	29	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Second floor	Sqm	530.97	136.51	Work done upto the billed Quantity and Quality is Satisfactory
11	35	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level. Third Floor	Sqm	1154.78	49.18	Work done upto the billed Quantity and Quality is Satisfactory
12	37	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	205.78	22.98	Work done upto the billed Quantity and Quality is Satisfactory
13	39	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	254.89	40.89	Work done upto the billed Quantity and Quality is Satisfactory
14	41	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. FIRST FLOOR	Sqm	50.6	2.60	Work done upto the billed Quantity and Quality is Satisfactory
15	42	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. FIRST FLOOR	Sqm	54.5	6.50	Work done upto the billed Quantity and Quality is Satisfactory
16	45	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights.	Sqm	195.72	0.72	Work done upto the billed Quantity and Quality is Satisfactory
17	47	Providing lath plastering cement mortor 1:3, 5 Cm thick with 6 mm dia mild steel @ 20 cm c/c both hiorizantaly & Vertically fixing Chicken Mesh for drop chejja , facia, Backing to cupboard including cost of all materials, labour, providing & removing form work H O M of Machinery , curing, complete as per specifications.	Sqm	157.50	157.50	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	226.50	226.50	Work done upto the billed Quantity and Quality is Satisfactory
18	54	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.GROUND FLOOR	Cum	223.97	11.91	Work done upto the billed Quantity and Quality is Satisfactory

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Assistant Executive Engineer
R.R. Nagar Project Sub-Division-VII
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19	62	Construction of partition wall 11.2 cms thick with non modular table moulded burnt bricks of class designation 5.0(Minimum per Sq.cm. with cement mortar 1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBR 6.2. KBR6.6.7.2 ... 50 ... with bricks of class designation 7.5 (Newton per sqm. Specification No. KBR 6.2.1 Third floor	Sqm	31.20	6.20	Work done upto the billed Quantity and Quality is Satisfactory
		Above 12M%	Sqm	2.71	2.71	Work done upto the billed Quantity and Quality is Satisfactory
20	63	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonary including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.External Plastering, Ground floor	Sqm	1182.36	145.36	Work done upto the billed Quantity and Quality is Satisfactory
21	64	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonary including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.External Plastering, First floor	Sqm	920.92	8.92	Work done upto the billed Quantity and Quality is Satisfactory
22	65	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonary including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.External Plastering, Second floor	Sqm	921.07	9.07	Work done upto the billed Quantity and Quality is Satisfactory
23	68	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) , Providing floating coat of cement plastering finishing smooth including cost of materials, labour, curing complete as per specifications. Ground floor	Sqm	1989.36	215.93	Work done upto the billed Quantity and Quality is Satisfactory
24	69	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) , Providing floating coat of cement plastering finishing smooth including cost of materials, labour, curing complete as per specifications. First floor	Sqm	1864.95	253.95	Work done upto the billed Quantity and Quality is Satisfactory
25	70	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) , Providing floating coat of cement plastering finishing smooth including cost of materials, labour, curing complete as per specifications. Second floor	Sqm	1859.36	248.36	Work done upto the billed Quantity and Quality is Satisfactory
26	73	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. & Providing floating coat of cement to plastering finishing smooth including cost of materials, labour, curing complete as per specifications. Ground floor	Sqm	1688.21	84.95	Work done upto the billed Quantity and Quality is Satisfactory
27	78	Providing rough cement plastering 15 mm thick in single coat with cement mortar 1:4, to brick masonary for base of darboning works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground floor	Sqm	437.47	63.47	Work done upto the billed Quantity and Quality is Satisfactory
28	79	Providing rough cement plastering 15 mm thick in single coat with cement mortar 1:4, to brick masonary for base of darboning works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. First floor	Sqm	402.67	67.17	Work done upto the billed Quantity and Quality is Satisfactory
29	80	Providing rough cement plastering 15 mm thick in single coat with cement mortar 1:4, to brick masonary for base of darboning works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Second floor	Sqm	402.67	67.17	Work done upto the billed Quantity and Quality is Satisfactory
30	82	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to Stone masonary & concrete Surface including	Sqm	90.41	2.41	Work done upto the billed Quantity and Quality is Satisfactory
31	83	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Second floor	Sqm	76.58	4.58	Work done upto the billed Quantity and Quality is Satisfactory

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Assistant Executive E
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahanag

32	85	Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment) - Platering Mesh 150 mm wide	Mtr	372.6	72.60	Work done upto the billed Quantity and Quality is Satisfactory
33	86	Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment) - Platering Mesh 200 mm wide	Mtr	500	100.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Mtr	**96.95**	96.95	Work done upto the billed Quantity and Quality is Satisfactory
34	87	Providing & applying Two coats of wall putty to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of materials , cost of labour and scafolding etc complete as per specifications. All floors	Sqm	11603.75	2320.75	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	**170.23**	170.23	Work done upto the billed Quantity and Quality is Satisfactory
35	90	Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications.	Sqm	510.00	102.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	**4.52**	4.52	Work done upto the billed Quantity and Quality is Satisfactory
36	94	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications. Ground floor	Sqm	1084.56	47.56	Work done upto the billed Quantity and Quality is Satisfactory
37	95	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications. First floor	Sqm	920.92	8.92	Work done upto the billed Quantity and Quality is Satisfactory
38	96	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications. Second floor	Sqm	921.07	9.07	Work done upto the billed Quantity and Quality is Satisfactory
39	98	Providing Melamine polishing of approved shade including removing and refixing of doors shutters scraping with blade and rubbing with zero size sand paper and applying sealer coat by way of spraying with necessary compressor and applying patty after rubbing with steel wool including two coats of approved shade of Melamine polish etc., complete.	Sqm	12.00	12.00	Work done upto the billed Quantity and Quality is Satisfactory
40	102	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms. First floor	Sqm	54.74	0.14	Work done upto the billed Quantity and Quality is Satisfactory
41	103	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms. Second floor	Sqm	54.74	0.14	Work done upto the billed Quantity and Quality is Satisfactory
42	104	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms. Third floor	Sqm	54.74	0.14	Work done upto the billed Quantity and Quality is Satisfactory
43	105	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	836.18	21.38	Work done upto the billed Quantity and Quality is Satisfactory

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Assistant Executive Engineer
R.R. Nagar Project Sub-Division
Bruhat Bengaluru Mahanagara Palike

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	106	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with the paper joints, finished with cement motor using white cement and colour pigments to match the colour slab making through cost of all materials, mortar, labour, curing etc., complete as per specification. 14.61.1-do- minimum width of 1200mm (gang saw water cut) Ground floor	Sqm	978.38	56.28	Work done upto the billed Quantity and Quality is Satisfactory
45	107	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with the paper joints, finished with cement motor using white cement and colour pigments to match the colour slab making through cost of all materials, mortar, labour, curing etc., complete as per specification. 14.61.1-do- minimum width of 1200mm (gang saw water cut) First floor	Sqm	1007.45	0.15	Work done upto the billed Quantity and Quality is Satisfactory
46	108	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with the paper joints, finished with cement motor using white cement and colour pigments to match the colour slab making through cost of all materials, mortar, labour, curing etc., complete as per specification. 14.61.1-do- minimum width of 1200mm (gang saw water cut) Second floor	Sqm	1007.39	0.09	Work done upto the billed Quantity and Quality is Satisfactory
47	110	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification. Ground floor	Sqm	111.24	14.24	Work done upto the billed Quantity and Quality is Satisfactory
48	111	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification. First floor	Sqm	69.1	8.10	Work done upto the billed Quantity and Quality is Satisfactory
49	112	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification. Second floor	Sqm	69.1	8.10	Work done upto the billed Quantity and Quality is Satisfactory
50	114	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. Ground floor	Sqm	286.31	50.21	Work done upto the billed Quantity and Quality is Satisfactory
51	115	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. First floor	Sqm	268.31	30.41	Work done upto the billed Quantity and Quality is Satisfactory
52	116	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. Second floor	Sqm	204.11	26.51	Work done upto the billed Quantity and Quality is Satisfactory
53	118	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications.First floor	Sqm	3.25	0.65	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	**12.05**	12.05	Work done upto the billed Quantity and Quality is Satisfactory
54	119	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications. Second floor	Sqm	2.50	0.50	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	**38.00**	38.00	Work done upto the billed Quantity and Quality is Satisfactory
55	120	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications. Third floor	Sqm	2.50	0.50	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Sqm	**14.15**	14.15	Work done upto the billed Quantity and Quality is Satisfactory

AE/JE (P) R.R.

Assistant Executive E.
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahar

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	123	Providing White Teak Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications	Cum	0.33	0.07	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Cum	0.14	0.14	Work done upto the billed Quantity and Quality is Satisfactory
57	124	Providing White Sal Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications	Cum	5.25	1.05	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Cum	0.86	0.86	Work done upto the billed Quantity and Quality is Satisfactory
58	127	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part I) 1991. From manufacturer (Factory) complete as per specification.FIRST FLOOR	Sqm	46.80	46.80	Work done upto the billed Quantity and Quality is Satisfactory
59	130	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E Glass Chopped Strand Mat (CSM). U.V.stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug in socket arrangementin situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.GROUND FLOOR	mtr	57.00	57.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	mtr	7.70	7.70	Work done upto the billed Quantity and Quality is Satisfactory
60	131	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E Glass Chopped Strand Mat (CSM). U.V.stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug in socket arrangementin situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.First FLOOR	mtr	57.00	57.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	mtr	18.10	18.10	Work done upto the billed Quantity and Quality is Satisfactory
61	132	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E Glass Chopped Strand Mat (CSM). U.V.stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug in socket arrangementin situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.Second FLOOR	mtr	57.00	57.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	mtr	7.70	7.70	Work done upto the billed Quantity and Quality is Satisfactory
62	133	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E Glass Chopped Strand Mat (CSM). U.V.stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug in socket arrangementin situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.Third FLOOR	mtr	57.00	57.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	mtr	6.10	6.10	Work done upto the billed Quantity and Quality is Satisfactory

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63	134	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural GROUND FLOOR	Sqm	**15.00**	15.00	**Work done upto the billed Quantity and Quality is Satisfactory**
		Above 125%	Sqm	**4.43**	4.43	**Work done upto the billed Quantity and Quality is Satisfactory**
64	135	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural First FLOOR	Sqm	**15.00**	15.00	**Work done upto the billed Quantity and Quality is Satisfactory**
		Above 125%	Sqm	**4.43**	4.43	**Work done upto the billed Quantity and Quality is Satisfactory**
65	136	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural Second FLOOR	Sqm	**15.00**	15.00	**Work done upto the billed Quantity and Quality is Satisfactory**
		Above 125%	Sqm	**4.43**	4.43	**Work done upto the billed Quantity and Quality is Satisfactory**
66	138	Providing & fixing of 3track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame havinga overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 30mm x 48.5mm. Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2119mm	Sqm	**334.80**	334.80	**Work done upto the billed Quantity and Quality is Satisfactory**
67	140	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Considered 18 Kg/sqm)	kgs	**12312.00**	2462.40	**Work done upto the billed Quantity and Quality is Satisfactory**
		Above 125%	kgs	**1258.39**	1258.39	**Work done upto the billed Quantity and Quality is Satisfactory**
68	142	Providing and fixing Stainless steel 304 Grade for staircase railing, Balconys Ramps with hand rails 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification)	sqm	**90.36**	24.36	**Work done upto the billed Quantity and Quality is Satisfactory**
69	143	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.	Nos	82.50	16.50	**Work done upto the billed Quantity and Quality is Satisfactory**

ESS Builders and Consultants Pvt. Ltd. BANGALORE 080-23392857

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		Above 125%	Nos	5.50	5.50	Work done upto the billed Quantity and Quality is Satisfactory
70	300	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVC junction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 16SWG GI fish wire where ever necessary	Mtr	2550.00	510.00	Work done upto the billed Quantity and Quality is Satisfactory
		Above 125%	Mtr	15.00	15.00	Work done upto the billed Quantity and Quality is Satisfactory

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